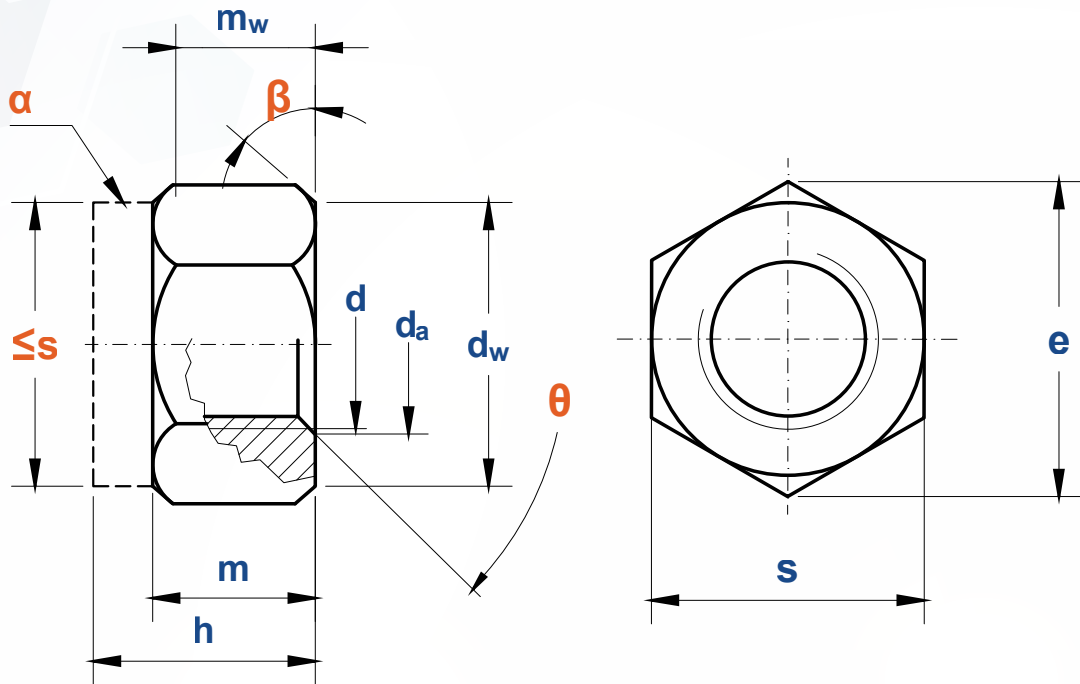




α = Prevailing torque element, Shape optional.

β = $15^\circ \sim 30^\circ$

θ = $90^\circ \sim 120^\circ$

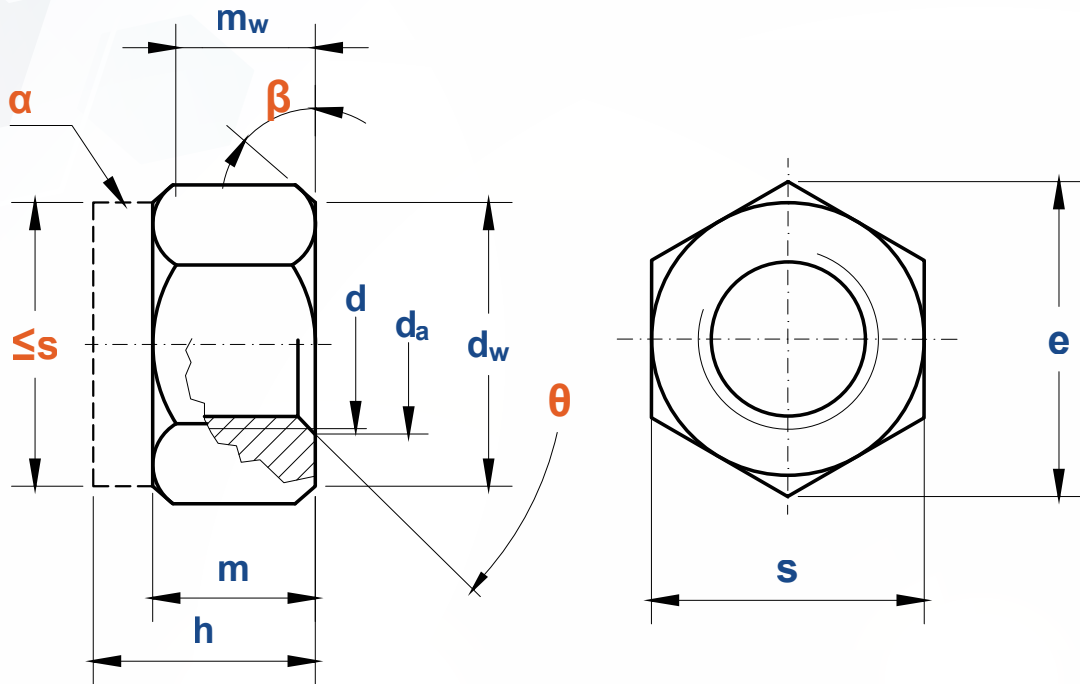
Thread Size d			M3	M4	M5	M6	(M7)	M8	M10	M12	(M14)	M16	(M18)
P	Pitch	Coarse thread	0.5	0.7	0.8	1	1	1.25	1.5	1.75	2	2	2.5
		Fine thread	/	/	/	/	/	1	1	1.5	1.5	1.5	1.5
		Fine thread	/	/	/	/	/	/	(1.25)	(1.25)	/	/	/
d_a	min		3	4	5	6	7	8	10	12	14	16	18
	max		3.45	4.6	5.75	6.75	7.75	8.75	10.8	13	15.1	17.3	19.5
d_w	min		4.6	5.9	6.9	8.9	9.6	11.6	14.6	16.6	19.6	22.5	24.9
e	min		6.01	7.66	8.79	11.05	12.12	14.38	17.77	20.03	23.35	26.75	29.56
h	max		4.5	6	6.8	8	9	9.5	11.9	14.9	17	19.1	20.6
	min		4.2	5.7	6.44	7.64	8.64	9.14	11.47	14.47	16.3	18.26	19.76
m	min		2.15	2.9	4.4	4.9	6.14	6.44	8.04	10.37	12.1	14.1	15.1
m_w	min		1.72	2.32	3.52	3.92	4.91	5.15	6.43	8.3	9.68	11.28	12.08
s	max=nominal size		5.5	7	8	10	11	13	16	18	21	24	27
	min		5.32	6.78	7.78	9.78	10.73	12.73	15.73	17.73	20.67	23.67	26.16
per 1000 units $\approx$ kg			0.4	1.1	1.4	3.1	3.2	6	11.7	16.6	21	37.8	51.6

①. Material:

a) Steel (nut body), Property class (material): For size up to M39: 5, 6; For size up to M16: 8, 10, and 12; For size over M39, subject to agreement. As specified in ISO 898-2 and DIN 267-23

b) Material (insert): Nonmetallic, e.g. polyamide

Note: Property class 6 is only for fine pitch thread nuts.



α = Prevailing torque element, Shape optional.

β = $15^\circ \sim 30^\circ$

θ = $90^\circ \sim 120^\circ$

Thread Size d			M20	(M22)	M24	(M27)	M30	(M33)	M36	(M39)	M42	(M45)	M48
P	Pitch	Coarse thread	2.5	2.5	3	3	3.5	3.5	4	4	4.5	4.5	5
		Fine thread	1.5	1.5	2	2	2	2	3	3	3	3	3
		Fine thread	/	/	/	/	/	/	/	/	/	/	/
d _a	min	20	22	24	27	30	33	36	39	42	45	48	
	max	21.6	23.7	25.9	29.1	32.4	35.6	38.9	42.1	45.4	48.6	51.8	
d _w	min	27.7	31.4	33.2	38	42.7	46.6	51.1	55.9	59.9	64.7	69.4	
e	min	32.95	37.29	39.55	45.2	50.85	55.37	60.79	66.44	72.09	76.95	82.6	
h	max	22.8	24.5	27.1	31	32.6	35.5	38.9	42	45	48	50	
	min	21.5	23.2	25.8	29.4	31	33.9	37.3	40.4	43.4	46.4	48.4	
m	min	16.9	18.1	20.2	22.5	24.3	27.4	29.4	31.8	34	36	38	
m _w	min	13.52	14.48	16.16	18	19.44	21.92	23.52	25.44	27.2	28.8	30.4	
s	max=nominal size	30	34	36	41	46	50	55	60	65	70	75	
	min	29.16	33	35	40	45	49	53.8	58.8	63.1	68.1	73.1	
per 1000 units ≈ kg			68	86	127	182	273	296	380	505	630	814	995

①, Material:

a) Steel (nut body), Property class (material): For size up to M39: 5, 6; For size up to M16: 8, 10, and 12; For size over M39, subject to agreement. As specified in ISO 898-2 and DIN 267-23

b) Material (insert): Nonmetallic, e.g. polyamide

Note: Property class 6 is only for fine pitch thread nuts.